

Minutes of the Twin State Radio Club Meeting held November 9, 2024

A meeting of Twin State Radio Club was held via Zoom on Saturday November 9, 2024. The meeting opened at 9:05 AM. All officers were present. As the meeting started a quorum of voting members was *not* present so motions *cannot* be voted on.

President's Report

Members and attendees were introduced.

Vice President's Report

Today's presentations will be a debrief on the ARES SET by Dave WA1ZCN and an update on WWV by Dave N1HAC.

Possible future presentations:

- Remote operation – Rich N1GNB – Dec.
- Contesting - Eric KB1VUN – Feb.
- 3D printing – Tiffany KC1NAF – Mar.
- Putting wire antennas in trees – Dave WA1ZCN.
- Digital modes – Don KB1VP.
- A forum on digital voice, digital data and/or hybrids
- Fox hunting.
- Basics.
- Setup of a radio station for the first time.
- Ham rigs & operation over the last 100 years.
- Morse code in the media, how it's presented. In popular culture.
- RFI Exposure & mitigation. Common mode chokes.
- Basics on antenna, radio, regulation, and operating practice.
- Satellite communications.
- Beginning, intermediate, advanced modes.
- Propagation.
- Tubes (valves) - Dave N1HAC.
- Extreme bands.
- Internet SDRs.
- Other OTA's – summits, islands, etc.
- Alternative energy.
- Radio & power lines.
- Complying w/ FCC regulations on RF exposure.
- Direction finding.
- Radio in the media.

The Vice President is soliciting presentation suggestions and presenters. Get in touch with Dave N1HAC either by email or the repeater.

At this point in the meeting a quorum of voting members was present so motions can now be voted on.

Treasurer's Report

Dave WA1ZCN reported:

Checking: \$ 3,633.27
Savings: \$ 18,705.22
Bonds: \$ 10,000.00 +.

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Current savings level is low due to payment for the new communication trailer.

A motion was made by Alan AE1H, seconded by Ed AB1XQ to accept the Treasurer's report. ***The motion passed unanimously.***

Secretary's Report

Minutes for the October 12, 2024 meeting will be available for the December 14, 2024 meeting.

The submitted September 14, 2024 minutes were reviewed at the October 12 meeting but not voted then on due to lack of quorum.

A motion was made by Dave WA1ZCN, seconded by Alan AE1H by to accept the September 14, 2024 minutes as submitted. ***The motion passed unanimously.***

Trailer Committee Report

Alan AE1H reported that the trailers need to be registered. Dave WA1ZCN reported that the installation of the awning on the new communication trailer ran into difficulty due to the supplied hardware. He hoped to finish tomorrow and requested volunteers to help. There is a need to disassemble the old communication trailer. The racks need to be removed and in put into WHQ soon, before the weather closes in.

Alex W1FET asked about insuring the trailers, in particular if they are insured as stored at WHQ. Alan AE1H responded that insurance is being done with difficulty due to the requirement that a tow vehicle be associated. Currently the trailers are registered to Plasma Technologies with an arrangement to the club. Insurance is needed for all trailers. A better arrangement will be investigated.

Alan AE1H reported that the crank handle for the tower trailer has a clearance problem. It will be relocated by the welder.

Repeater Committee Report

Dave N1HAC reported that the Moose Mnt. repeater is behaving; operating nominally. The Claremont repeater is now linked. Dave N1HAC and Dave WA1ZCN visited the site and made adjustments with the service monitor. There may still be some interference. The Corinth repeater still needs work. Still looking for a northern repeater site. Nothing has been heard about the temporary site. A site is needs to be on the air in order to keep the .345 frequency. Wanted in the Bradford/Orford area but preferably in Vermont.

Isaiah W1FRE has offered to replace the CRT scope of the R-2001A service monitor donated by Ray WA1ORT/SK with an LCD screen. There was consensus to do this.

Education Committee Report

Eric KB1VUN reported that the next VE session is 10:00 AM November 16th at the Claremont Makerspace. Three are scheduled to sit. Eric KB1VUN has offered answer any questions from new hams wanting help getting set up.

Ed AB1XQ reported that 8 people attended the Tech-in-a-day sponsored by W1CMS and run by Bob N1XSS October 26-27. 7 new Technician and 1 reinstated General licenses were the result.

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Peter AB2U reported on his proposal that club members meet informally one night a month for dinner at a local restaurant. The best restaurant for this seems to be the Three Tomatoes in Lebanon which can set up to seat 12. A 2nd Monday or Tuesday of the month is suggested. A nice change from only meeting via Zoom. The 99s restaurant is also a consideration. A day or so notice is needed for both, the 99s restaurant is best in the middle of the week. There was consensus to contact the 99s restaurant and make arrangements. The 2nd Monday in December was discussed. Pete AB2U will share out some dates. December 16 or 17 was suggested.

New Business

- Zoom Account

A zoom account is needed for the club. Suggested was a business class subscription for \$220.00 annually. A motion was made by Scott N1SDM, seconded by Kim KE1LF to allocate \$220.00 for an annual business class Zoom subscription. ***The motion passed unanimously.*** Dave WA1ZCN will purchase the subscription with help from Scott N1SDM.

Ed AB1XQ suggested using transcription to assist in meeting minutes; recording the meeting with the Zoom feature.

- A/C Soft Start

A test will be made of the Honda genset running the A/C with other required loads to determine if there is a detrimental effect. If there is an issue this will be revisited in the spring.

- Recruitment

There was discussion. Magda KM4EGE suggested recruitment at Dartmouth College. Nicole AC1HQ stated the need for involvement to recruit younger people. Dave N1HAC suggested more publication and publicity. Non profits can do a lot for this. Nicole AC1HQ suggested Spark! In Lebanon. Isaiah W1FRE suggested the Thetford Latham Library. Eric KB1VUN will approach the Lebanon Public Library and find out about their programs. Mark AC1SY suggested remote testing for licenses. Eric KB1VUN asked about any contacts with Monshire. There are some and it will be investigated. Nicole AC1HQ has contact with the Fairbanks Museum. There was discussion on CW instruction and equipment. Kim KE1LF suggested doing CW into repeaters from area farmers markets. Alex W1FET suggested doing an evaluation of build kits. This will be an ongoing topic.

With no further business to address a motion to adjourn called for. So moved by Gordon AB1SK, seconded by Peter AB2U. ***The motion passed unanimously.***

The meeting concluded at 10:26 AM. The presentations followed.

Minutes respectfully submitted by Scott N1SDM.